

## Proposal of reclassification of *Mycobacterium celatum* type 2 as *Mycobacterium kyorinense*

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**Abstract** 16S rRNA, *rpoB*, and *sodA* genes of *Mycobacterium celatum* type 2 were re-examined to clarify its taxonomic position. Reevaluation of these sequences revealed that *M. celatum* type 2 strain ATCC 51130 was 100% identical to *Mycobacterium kyorinense* type strain, but differed substantially from *M. celatum* types 1 and 3 at these genes. A phylogenetic tree analysis placed *M. celatum* type 2 in proximity with *M. kyorinense*, with a clear-cut distinction from *M. celatum* types 1 and 3. We propose the reclassification of *M. celatum* type 2 as *M. kyorinense*, with both species maintaining their respective names and standing in the literature.